

# ORDERING INFORMATION

DEVICE	PACKAGE TYPE	OPERATING TEMP. RANGE (CELSIUS)	ORDERING NUMBER	SPEED OR VERSION
DS0621-SDK	Software		DS0621-SDK	TMEX 3.10
DS1000	14-Pin DIP	0 to 70	DS1000-xxx	xxx = 020 to 500 ns
	8-Pin DIP	0 to 70	DS1000M-xxx	xxx = 020 to 500 ns
	16-Pin SOIC	0 to 70	DS1000S-xxx	xxx = 020 to 500 ns
	8-Pin SOIC	0 to 70	DS1000Z-xxx	xxx = 020 to 500 ns
DS1000-IND	8-Pin DIP	-40 to +85	DS1000M-xxx IND	xxx = 020 to 500 ns
	8-Pin SOIC	-40 to +85	DS1000Z-xxx IND	xxx = 020 to 500 ns
	14-Pin DIP	-40 to +85	DS1000-xxx IND	xxx = 020 to 500 ns
DS1003	8-Pin DIP	0 to 70	DS1003M-16	
	8-Pin DIP	0 to 70	DS1003M-20	
	8-Pin DIP	0 to 70	DS1003M-25	
	8-Pin DIP	0 to 70	DS1003M-33	
	8-Pin DIP	0 to 70	DS1003M-40	
	14-Pin DIP	0 to 70	DS1003-16	
	14-Pin DIP	0 to 70	DS1003-20	
	14-Pin DIP	0 to 70	DS1003-25	
	14-Pin DIP	0 to 70	DS1003-33	
	14-Pin DIP	0 to 70	DS1003-40	
DS1004	8-Pin DIP	0 to 70	DS1004M-002	13 ns total delay
	8-Pin DIP	0 to 70	DS1004M-003	17 ns total delay
	8-Pin DIP	0 to 70	DS1004M-004	21 ns total delay
	8-Pin DIP	0 to 70	DS1004M-005	25 ns total delay
	8-Pin SOIC	0 to 70	DS1004Z-002	13 ns total delay
	8-Pin SOIC	0 to 70	DS1004Z-003	17 ns total delay
	8-Pin SOIC	0 to 70	DS1004Z-004	21 ns total delay
	8-Pin SOIC	0 to 70	DS1004Z-005	25 ns total delay
DS1005	14-Pin DIP	0 to 70	DS1005-xxx	xxx = 060 to 250 ns
	8-Pin DIP	0 to 70	DS1005M-xxx	xxx = 060 to 250 ns
	16-Pin SOIC	0 to 70	DS1005S-xxx	xxx = 060 to 250 ns
DS1007	16-Pin DIP	0 to 70	DS1007-xxx	xxx = 001 to 014
	16-Pin SOIC	0 to 70	DS1007S-xxx	xxx = 001 to 014
DS1010	14-Pin DIP	0 to 70	DS1010-xxx	xxx = 050 to 500 ns
	16-Pin SOIC	0 to 70	DS1010S-xxx	xxx = 050 to 500 ns
DS1012	8-Pin DIP	0 to 70	DS1012M-xxx	
	8-Pin SOIC	0 to 70	DS1012Z-xxx	
DS1013	14-Pin DIP	0 to 70	DS1013-xxx	xxx = 010 to 200 ns
	8-Pin DIP	0 to 70	DS1013M-xxx	xxx = 010 to 200 ns
	16-Pin SOIC	0 to 70	DS1013S-xxx	xxx = 010 to 200 ns
DS1020	16-Pin DIP	0 to 70	DS1020-15	0.15 ns Steps
	16-Pin DIP	0 to 70	DS1020-25	0.25 ns Steps
	16-Pin DIP	0 to 70	DS1020-50	0.50 ns Steps
	16-Pin DIP	0 to 70	DS1020-100	1.00 ns Steps
	16-Pin DIP	0 to 70	DS1020-200	2.00 ns Steps
	16-Pin SOIC	0 to 70	DS1020S-15	0.15 ns Steps
	16-Pin SOIC	0 to 70	DS1020S-25	0.25 ns Steps
	16-Pin SOIC	0 to 70	DS1020S-50	0.50 ns Steps
	16-Pin SOIC	0 to 70	DS1020S-100	1.00 ns Steps
	16-Pin SOIC	0 to 70	DS1020S-200	2.00 ns Steps
DS1021	16-Pin SOIC	0 to 70	DS1021S-25	0.25 ns Steps
	16-Pin SOIC	0 to 70	DS1021S-50	0.50 ns Steps
DS1033	8-Pin DIP	0 to 70	DS1033M-xxx	xxx = 008 to 030 ns
	8-Pin SOIC	0 to 70	DS1033Z-xxx	xxx = 008 to 030 ns
DS1035	8-Pin DIP	0 to 70	DS1035M-xxx	xxx = 006 to 030 ns
	8-Pin SOIC	0 to 70	DS1035Z-xxx	xxx = 006 to 030 ns
DS1040	8-Pin DIP	0 to 70	DS1040M-75	75 ns max pulse width
	8-Pin DIP	0 to 70	DS1040M-100	100 ns max pulse width
	8-Pin DIP	0 to 70	DS1040M-150	150 ns max pulse width
	8-Pin DIP	0 to 70	DS1040M-200	200 ns max pulse width
	8-Pin DIP	0 to 70	DS1040M-250	250 ns max pulse width
	8-Pin DIP	0 to 70	DS1040M-500	500 ns max pulse width
	8-Pin DIP	0 to 70	DS1040M-B50	50 ns max pulse width
	8-Pin DIP	0 to 70	DS1040M-D60	60 ns max pulse width
	8-Pin DIP	0 to 70	DS1040M-A15	15 ns max pulse width
	8-Pin DIP	0 to 70	DS1040M-A20	20 ns max pulse width
	8-Pin DIP	0 to 70	DS1040M-A32	32.5 ns max pulse width
	8-Pin DIP	0 to 70	DS1040M-B40	40 ns max pulse width
	8-Pin DIP	0 to 70	DS1040M-D70	70 ns max pulse width
	8-Pin SOIC	0 to 70	DS1040Z-75	75 ns max pulse width
	8-Pin SOIC	0 to 70	DS1040Z-100	100 ns max pulse width
	8-Pin SOIC	0 to 70	DS1040Z-150	150 ns max pulse width

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DS1044	8-Pin SOIC	0 to 70	DS1040Z-200	200 ns max pulse width
	8-Pin SOIC	0 to 70	DS1040Z-250	250 ns max pulse width
	8-Pin SOIC	0 to 70	DS1040Z-500	500 ns max pulse width
	8-Pin SOIC	0 to 70	DS1040Z-B50	50 ns max pulse width
	8-Pin SOIC	0 to 70	DS1040Z-D60	60 ns max pulse width
	8-Pin SOIC	0 to 70	DS1040Z-A15	15 ns max pulse width
	8-Pin SOIC	0 to 70	DS1040Z-A20	20 ns max pulse width
	8-Pin SOIC	0 to 70	DS1040Z-A32	32.5 ns max pulse width
	8-Pin SOIC	0 to 70	DS1040Z-B40	40 ns max pulse width
	8-Pin SOIC	0 to 70	DS1040Z-D70	70 ns max pulse width
DS1045	14-Pin DIP	0 to 70	DS1044-xxx	xxx = 005 to 025 ns
	14-Pin SOIC	0 to 70	DS1044R-xxx	xxx = 005 to 025 ns
	16-Pin DIP	0 to 70	DS1045-2	2 ns Steps
	16-Pin DIP	0 to 70	DS1045-3	3 ns Steps
	16-Pin DIP	0 to 70	DS1045-4	4 ns Steps
DS1075	16-Pin DIP	0 to 70	DS1045-5	5 ns Steps
	16-Pin SOIC	0 to 70	DS1045S-2	2 ns Steps
	16-Pin SOIC	0 to 70	DS1045S-3	3 ns Steps
	16-Pin SOIC	0 to 70	DS1045S-4	4 ns Steps
	16-Pin SOIC	0 to 70	DS1045S-5	5 ns Steps
	PCB KIT	25	DS1075K	Programming Kit
	8-Pin DIP	0 to 70	DS1075M-060	Ref Frequency 60 MHz
	8-Pin DIP	0 to 70	DS1075M-066	Ref Frequency 66 MHz
	8-Pin DIP	0 to 70	DS1075M-080	Ref Frequency 80 MHz
	8-Pin DIP	0 to 70	DS1075M-100	Ref Frequency 100 MHz
	8-Pin SOIC	0 to 70	DS1075Z-060	Ref Frequency 60 MHz
	8-Pin SOIC	0 to 70	DS1075Z-066	Ref Frequency 66 MHz
	8-Pin SOIC	0 to 70	DS1075Z-080	Ref Frequency 80 MHz
	8-Pin SOIC	0 to 70	DS1075Z-100	Ref Frequency 100 MHz
	PCB Module	0 to 70	DS1075X-060	Crystal Replacement Module 60 MHz
	PCB Module	0 to 70	DS1075X-066	Crystal Replacement Module 66 MHz
	PCB Module	0 to 70	DS1075X-080	Crystal Replacement Module 80 MHz
	PCB Module	0 to 70	DS1075X-100	Crystal Replacement Module 100 MHz
DS1200	10-Pin DIP	0 to 70	DS1200	
	10-Pin DIP	-40 to +85	DS1200N	
	16-Pin SOIC	0 to 70	DS1200S	
DS1201	16-Pin SOIC	-40 to +85	DS1200SN	
	Electronic Key/Tag	0 to 70	DS1201	
	14-Pin DIP	0 to 70	DS1206	
DS1206	16-Pin SOIC	0 to 70	DS1206S	
	8-Pin DIP	0 to 70	DS1210	
	16-Pin SOIC	0 to 70	DS1210S	
DS1210	8-Pin DIP	-40 to +85	DS1210N	
	16-Pin SOIC	-40 to +85	DS1210SN	
	20-Pin DIP	0 to 70	DS1211	
DS1211	20-Pin SOIC	0 to 70	DS1211S	
	20-Pin DIP	-40 to +85	DS1211N	
	20-Pin SOIC	-40 to +85	DS1211SN	
DS1212	28-Pin DIP	0 to 70	DS1212	
	28-Pin PLCC	0 to 70	DS1212Q	
	28-Pin DIP	-40 to +85	DS1212N	
	28-Pin PLCC	-40 to +85	DS1212QN	
DS1213B	Socket	0 to 70	DS1213B	Holds 2KB/8KB SRAM
DS1213C	Socket	0 to 70	DS1213C	Holds 32KB SRAM
DS1213D	Socket	0 to 70	DS1213D	Holds 128KB SRAM
DS1216B	28-Pin Socket	0 to 70	DS1216B	16K/64K RAM
DS1216C	28-Pin Socket	0 to 70	DS1216C	64K/256K RAM
DS1216D	32-Pin Socket	0 to 70	DS1216D	256K/1M RAM
DS1216E	28-Pin Socket	0 to 70	DS1216E	64K/256K ROM
DS1216F	32-Pin Socket	0 to 70	DS1216F	64K/256K/1M ROM
DS1216F-3	32-Pin Socket	0 to 70	DS1216F-3	64/256K/1M ROM, 3 volt
DS1217A		0 to 70	DS1217A 16K-25	16K Bit Density
		0 to 70	DS1217A 64K-25	64K Bit Density
		0 to 70	DS1217A 128K-25	128K Bit Density

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DS1217M		0 to 70	DS1217A 192K–25	192K Bit Density
		0 to 70	DS1217A 256K–25	256K Bit Density
		0 to 70	DS1217M 512–25	512K Bit Density
		0 to 70	DS1217M 1–15	1 Megabit Density
		0 to 70	DS1217M 2–25	2 Megabit Density
		0 to 70	DS1217M 3–25	3 Megabit Density
DS1218	8–Pin DIP 8–Pin SOIC	0 to 70	DS1217M 4–25	4 Megabit Density
		0 to 70	DS1218	
		0 to 70	DS1218S	
DS1220AB/AD	24–Pin Encap. DIP	0 to 70	DS1220AB–200	5% tol. 200 ns
		0 to 70	DS1220AB–150	5% tol. 150 ns
		0 to 70	DS1220AB–120	5% tol. 120 ns
		0 to 70	DS1220AB–100	5% tol. 100 ns
		–40 to +85	DS1220AB–200–IND	5% tol. 200 ns
		–40 to +85	DS1220AB–100–IND	5% tol. 100 ns
		0 to 70	DS1220AD–200	10% tol. 200 ns
		0 to 70	DS1220AD–150	10% tol. 150 ns
		0 to 70	DS1220AD–120	10% tol. 120 ns
		0 to 70	DS1220AD–100	10% tol. 100 ns
		–40 to +85	DS1220AD–200–IND	10% tol. 200 ns
		–40 to +85	DS1220AD–100–IND	10% tol. 100 ns
DS1220Y	24–Pin Encap. DIP	0 to 70	DS1220Y–200	10% tol. 200 ns
		0 to 70	DS1220Y–150	10% tol. 150 ns
		0 to 70	DS1220Y–120	10% tol. 120 ns
		0 to 70	DS1220Y–100	10% tol. 100 ns
		–40 to +85	DS1220Y–200–IND	10% tol. 200 ns
		–40 to +85	DS1220Y–100–IND	10% tol. 100 ns
DS1221	16–Pin DIP 16–Pin SOIC 16–Pin DIP 16–Pin SOIC	0 to 70	DS1221	
		0 to 70	DS1221S	
		–40 to +85	DS1221N	
		–40 to +85	DS1221SN	
		0 to 70	DS1225AB–200	5% tol. 200 ns
DS1225AB/AD	28–Pin Encap. DIP	0 to 70	DS1225AB–170	5% tol. 170 ns
		0 to 70	DS1225AB–150	5% tol. 150 ns
		0 to 70	DS1225AB–85	5% tol. 85 ns
		–40 to +85	DS1225AB–200–IND	5% tol. 200 ns
		–40 to +85	DS1225AB–150–IND	5% tol. 150 ns
		0 to 70	DS1225AD–200	10% tol. 200 ns
		0 to 70	DS1225AD–170	10% tol. 170 ns
		0 to 70	DS1225AD–150	10% tol. 150 ns
		0 to 70	DS1225AD–85	10% tol. 85 ns
		–40 to +85	DS1225AD–200–IND	10% tol. 200 ns
		–40 to +85	DS1225AD–150–IND	10% tol. 150 ns
		0 to 70	DS1225Y–200	10% tol. 200 ns
DS1225Y	28–Pin Encap. DIP	0 to 70	DS1225Y–170	10% tol. 170 ns
		0 to 70	DS1225Y–150	10% tol. 150 ns
		–40 to +85	DS1225Y–200–IND	10% tol. 200 ns
		–40 to +85	DS1225Y–150–IND	10% tol. 150 ns
		0 to 70	DS1230AB–200	5% tol. 200 ns
		0 to 70	DS1230AB–150	5% tol. 150 ns
DS1230Y/AB	28–Pin Encap. DIP	0 to 70	DS1230AB–120	5% tol. 120 ns
		0 to 70	DS1230AB–100	5% tol. 100 ns
		0 to 70	DS1230AB–85	5% tol. 85 ns
		0 to 70	DS1230AB–70	5% tol. 70 ns
		–40 to +85	DS1230AB–200–IND	5% tol. 200 ns
		–40 to +85	DS1230AB–120–IND	5% tol. 120 ns
		–40 to +85	DS1230AB–70–IND	5% tol. 70 ns
		0 to 70	DS1230ABP–100	5% tol. 100 ns
		0 to 70	DS1230ABP–70	5% tol. 70 ns
		–40 to +85	DS1230ABP–70–IND	5% tol. 70 ns
		0 to 70	DS1230Y–200	10% tol. 200 ns
		0 to 70	DS1230Y–150	10% tol. 150 ns
		0 to 70	DS1230Y–120	10% tol. 120 ns
		0 to 70	DS1230Y–100	10% tol. 100 ns

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DS1230W	28-Pin Encap. DIP	0 to 70	DS1230Y-85	10% tol. 85 ns
	28-Pin Encap. DIP	0 to 70	DS1230Y-70	10% tol. 70 ns
	28-Pin Encap. DIP	-40 to +85	DS1230Y-200-IND	10% tol. 200 ns
	28-Pin Encap. DIP	-40 to +85	DS1230Y-120-IND	10% tol. 120 ns
	28-Pin Encap. DIP	-40 to +85	DS1230Y-70-IND	10% tol. 70 ns
	34-Pin PowerCap	0 to 70	DS1230YP-100	10% tol. 100 ns
	34-Pin PowerCap	0 to 70	DS1230YP-70	10% tol. 70 ns
	34-Pin PowerCap	-40 to +85	DS1230YP-70-IND	10% tol. 70 ns
	28-Pin Encap. DIP	0 to 70	DS1230W-100	3.3V 100 ns
	28-Pin Encap. DIP	0 to 70	DS1230W-150	3.3V 150 ns
DS1231	34-Pin PowerCap	0 to 70	DS1230WP-100	3.3V 100 ns
	34-Pin PowerCap	0 to 70	DS1230WP-150	3.3V 150 ns
	8-Pin DIP	0 to 70	DS1231-20	20 mV Hysteresis
	8-Pin DIP	0 to 70	DS1231-35	35 mV Hysteresis
	8-Pin DIP	0 to 70	DS1231-50	50 mV Hysteresis
	8-Pin DIP	-40 to +85	DS1231N-20	20 mV Hysteresis
	8-Pin DIP	-40 to +85	DS1231N-35	35 mV Hysteresis
	8-Pin DIP	-40 to +85	DS1231N-50	50 mV Hysteresis
	8-Pin GULLWING	0 to 70	DS1231G-20	20 mV Hysteresis
	8-Pin GULLWING	0 to 70	DS1231G-35	35 mV Hysteresis
DS1232	8-Pin GULLWING	0 to 70	DS1231G-50	50 mV Hysteresis
	16-Pin SOIC	0 to 70	DS1231S-20	20 mV Hysteresis
	16-Pin SOIC	0 to 70	DS1231S-35	35 mV Hysteresis
	16-Pin SOIC	0 to 70	DS1231S-50	50 mV Hysteresis
	16-Pin SOIC	-40 to +85	DS1231S-20N	20 mV Hysteresis
	16-Pin SOIC	-40 to +85	DS1231S-35N	35 mV Hysteresis
	16-Pin SOIC	-40 to +85	DS1231S-50N	50 mV Hysteresis
	8-Pin DIP	0 to 70	DS1232	
	16-Pin SOIC	0 to 70	DS1232S	
	8-Pin DIP	-40 to +85	DS1232N	
DS1232LP	16-Pin SOIC	-40 to +85	DS1232SN	
	8-Pin DIP	0 to 70	DS1232LP	
	8-Pin SOIC	0 to 70	DS1232LPS-2	
	16-Pin SOIC	0 to 70	DS1232LPS	
	8-Pin DIP	-40 to +85	DS1232LPN	
	8-Pin SOIC	-40 to +85	DS1232LPSN-2	
	16-Pin SOIC	-40 to +85	DS1232LPSN	
	8-Pin $\mu$ -SOP	0 to 70	DS1232LPU	
	TO-92	-40 to +85	DS1233-5	5V-5% MONITOR
	TO-92	-40 to +85	DS1233-10	5V-10% MONITOR
DS1233A	TO-92	-40 to +85	DS1233-15	5V-15% MONITOR
	SOT-223	-40 to +85	DS1233Z-5	5V-5% MONITOR
	SOT-223	-40 to +85	DS1233Z-10	5V-10% MONITOR
	SOT-223	-40 to +85	DS1233Z-15	5V-15% MONITOR
	TO-92	-40 to +85	DS1233A-10	3.3V-10% MONITOR
	TO-92	-40 to +85	DS1233A-15	3.3V-15% MONITOR
	SOT-223	-40 to +85	DS1233AZ-10	3.3V-10% MONITOR
	SOT-223	-40 to +85	DS1233AZ-15	3.3V-15% MONITOR
	TO-92	-40 to +85	DS1233D-5	5V-5% MONITOR
	TO-92	-40 to +85	DS1233D-10	5V-10% MONITOR
DS1233D	TO-92	-40 to +85	DS1233D-15	5V-15% MONITOR
	SOT-223	-40 to +85	DS1233DZ-5	5V-5% MONITOR
	SOT-223	-40 to +85	DS1233DZ-10	5V-10% MONITOR
	SOT-223	-40 to +85	DS1233DZ-15	5V-15% MONITOR
	TO-92	-40 to +85	DS1233M-55	5V-5% MONITOR
	TO-92	-40 to +85	DS1233M-5	5V-10% MONITOR
	TO-92	-40 to +85	DS1233M-3	3.3V-15% MONITOR
	8-Pin SOIC	-40 to +85	DS1233MS-55	5V-5% MONITOR
	8-Pin SOIC	-40 to +85	DS1233MS-5	5V-10% MONITOR
	8-Pin SOIC	-40 to +85	DS1233MS-3	3.3V-15% MONITOR
DS1236	16-Pin DIP	0 to 70	DS1236-10	10% MONITOR
	16-Pin DIP	0 to 70	DS1236-5	5% MONITOR
	16-Pin DIP	-40 to +85	DS1236N-10	10% MONITOR
	16-Pin DIP	-40 to +85	DS1236N-5	5% MONITOR
	16-Pin SOIC	0 to 70	DS1236S-10	10% MONITOR
	16-Pin SOIC	0 to 70	DS1236S-5	5% MONITOR
	16-Pin SOIC	-40 to +85	DS1236S-10N	10% MONITOR
	16-Pin SOIC	-40 to +85	DS1236S-5N	5% MONITOR

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DS1236A	16-Pin DIP	0 to 70	DS1236A-10	10% MONITOR
	16-Pin DIP	0 to 70	DS1236A-5	5% MONITOR
	16-Pin DIP	-40 to +85	DS1236A-10N	10% MONITOR
	16-Pin DIP	-40 to +85	DS1236A-5N	5% MONITOR
	16-Pin SOIC	0 to 70	DS1236AS-10	10% MONITOR
	16-Pin SOIC	0 to 70	DS1236AS-5	5% MONITOR
	16-Pin SOIC	-40 to +85	DS1236AS-10N	10% MONITOR
	16-Pin SOIC	-40 to +85	DS1236AS-5N	5% MONITOR
DS1238	16-Pin DIP	0 to 70	DS1238-10	10% MONITOR
	16-Pin DIP	0 to 70	DS1238-5	5% MONITOR
	16-Pin DIP	-40 to +85	DS1238-10N	10% MONITOR
	16-Pin SOIC	0 to 70	DS1238S-10	10% MONITOR
DS1238A	16-Pin SOIC	0 to 70	DS1238S-5	5% MONITOR
	16-Pin DIP	0 to 70	DS1238A-10	10% MONITOR
	16-Pin DIP	0 to 70	DS1238A-5	5% MONITOR
	16-Pin SOIC	0 to 70	DS1238AS-10	10% MONITOR
DS1239	16-Pin SOIC	0 to 70	DS1238AS-5	5% MONITOR
	16-Pin DIP	-40 to +85	DS1238A-10N	10% MONITOR
	16-Pin DIP	0 to 70	DS1239-10	10% MONITOR
	16-Pin DIP	0 to 70	DS1239-5	5% MONITOR
	16-Pin SOIC	0 to 70	DS1239S-10	10% MONITOR
DS1243Y	16-Pin SOIC	0 to 70	DS1239S-5	5% MONITOR
	28-Pin Encap. DIP	0 to 70	DS1243Y	200 ns
	28-Pin Encap. DIP	0 to 70	DS1243Y-120	120 ns
DS1244Y	28-Pin Encap. DIP	0 to 70	DS1243Y-150	150 ns
	28-Pin Encap. DIP	0 to 70	DS1244Y	200 ns
	28-Pin Encap. DIP	0 to 70	DS1244Y-120	120 ns
DS1245Y/AB	28-Pin Encap. DIP	0 to 70	DS1244Y-150	150 ns
	32-Pin Encap. DIP	0 to 70	DS1245AB-120	5% tol. 120 ns
	32-Pin Encap. DIP	0 to 70	DS1245AB-100	5% tol. 100 ns
	32-Pin Encap. DIP	0 to 70	DS1245AB-85	5% tol. 85 ns
	32-Pin Encap. DIP	0 to 70	DS1245AB-70	5% tol. 70 ns
	32-Pin Encap. DIP	-40 to +85	DS1245AB-120-IND	5% tol. 120 ns
	32-Pin Encap. DIP	-40 to +85	DS1245AB-70-IND	5% tol. 70 ns
	34-Pin PowerCap	0 to 70	DS1245ABP-100	5% tol. 100 ns
	34-Pin PowerCap	0 to 70	DS1245ABP-70	5% tol. 70 ns
	34-Pin PowerCap	-40 to +85	DS1245ABP-70-IND	5% tol. 70 ns
	32-Pin Encap. DIP	0 to 70	DS1245Y-120	10% tol. 120 ns
	32-Pin Encap. DIP	0 to 70	DS1245Y-100	10% tol. 100 ns
	32-Pin Encap. DIP	0 to 70	DS1245Y-85	10% tol. 85 ns
	32-Pin Encap. DIP	0 to 70	DS1245Y-70	10% tol. 70 ns
	32-Pin Encap. DIP	-40 to +85	DS1245Y-120-IND	10% tol. 120 ns
	32-Pin Encap. DIP	-40 to +85	DS1245Y-70-IND	10% tol. 70 ns
	34-Pin PowerCap	0 to 70	DS1245YP-100	10% tol. 100 ns
	34-Pin PowerCap	0 to 70	DS1245YP-70	10% tol. 70 ns
	34-Pin PowerCap	-40 to +85	DS1245YP-70-IND	10% tol. 70 ns
DS1245W	32-Pin Encap. DIP	0 to 70	DS1245W-100	3.3V 100 ns
	32-Pin Encap. DIP	0 to 70	DS1245W-150	3.3V 150 ns
	34-Pin PowerCap	0 to 70	DS1245WP-100	3.3V 100 ns
	34-Pin PowerCap	0 to 70	DS1245WP-150	3.3V 150 ns
DS1248Y	32-Pin Encap. DIP	0 to 70	DS1248Y-200	200 ns
	32-Pin Encap. DIP	0 to 70	DS1248Y-120	120 ns
DS1249	32-Pin Encap. DIP	0 to 70	DS1248Y-150	150 ns
	32-Pin Encap. Dip	0 to 70	DS1249AB-100	5% tol. 100 ns
	32-Pin Encap. Dip	0 to 70	DS1249AB-70	5% tol. 70 ns
	32-Pin Encap. Dip	-40 to +85	DS1249AB-70-IND	5% tol. 70 ns
	32-Pin Encap. DIP	0 to 70	DS1249Y-100	10% tol. 100 ns
DS1250Y/AB	32-Pin Encap. DIP	0 to 70	DS1249Y-70	10% tol. 70 ns
	32-Pin Encap. DIP	-40 to +85	DS1249Y-70-IND	10% tol. 70 ns
	32-Pin Encap. DIP	0 to 70	DS1250AB-100	5% tol. 100 ns
	32-Pin Encap. DIP	0 to 70	DS1250AB-70	5% tol. 70 ns
	32-Pin Encap. DIP	-40 to +85	DS1250AB-70-IND	5% tol. 70 ns
	34-Pin PowerCap	0 to 70	DS1250ABP-100	5% tol. 100 ns
	34-Pin PowerCap	0 to 70	DS1250ABP-70	5% tol. 70 ns
	34-Pin PowerCap	-40 to +85	DS1250ABP-70-IND	5% tol. 70 ns
	32-Pin Encap. DIP	0 to 70	DS1250Y-100	10% tol. 100 ns

# ORDERING INFORMATION

DEVICE	PACKAGE TYPE	OPERATING TEMP. RANGE (CELSIUS)	ORDERING NUMBER	SPEED OR VERSION
DS1250W	32-Pin Encap. DIP	0 to 70	DS1250Y-70	10% tol. 70 ns
	32-Pin Encap. DIP	-40 to +85	DS1250Y-70-IND	10% tol. 70 ns
	34-Pin PowerCap	0 to 70	DS1250YP-100	10% tol. 100 ns
	34-Pin PowerCap	0 to 70	DS1250YP-70	10% tol. 70 ns
	34-Pin PowerCap	-40 to +85	DS1250YP-70-IND	10% tol. 70 ns
	32-Pin Encap DIP	0 to 70	DS1250W-100	3.3V 100 ns
	32-Pin Encap DIP	0 to 70	DS1250W-150	3.3V 150 ns
	34-Pin PowerCap	0 to 70	DS1250WP-100	3.3V 100 ns
DS1251Y	34-Pin PowerCap	0 to 70	DS1250WP-150	3.3V 150 ns
	32-Pin Encap. DIP	0 to 70	DS1251Y-120	120 ns
DS1258Y/AB	32-Pin Encap. DIP	0 to 70	DS1251Y-150	150 ns
	40-Pin Encap. DIP	0 to 70	DS1258AB-100	5% tol. 100 ns
	40-Pin Encap. DIP	0 to 70	DS1258AB-70	5% tol. 70 ns
	40-Pin Encap. DIP	0 to 70	DS1258Y-100	10% tol. 100 ns
DS1259	40-Pin Encap. DIP	0 to 70	DS1258Y-70	10% tol. 70 ns
	16-Pin DIP	0 to 70	DS1259	
	16-Pin DIP	-40 to +85	DS1259I	
	16-Pin SOIC	0 to 70	DS1259S	
DS1260	16-Pin SOIC	-40 to +85	DS1259SN	
	Smart Battery	0 to 70	DS1260-25	250 mAh
	Smart Battery	0 to 70	DS1260-50	500 mAh
DS1267	Smart Battery	0 to 70	DS1260-100	1000 mAh
	14-Pin DIP	0 to 70	DS1267-010	10K ohms
	14-Pin DIP	0 to 70	DS1267-050	50K ohms
	14-Pin DIP	0 to 70	DS1267-100	100K ohms
	14-Pin DIP	-40 to +85	DS1267N-010	10K ohms
	14-Pin DIP	-40 to +85	DS1267N-050	50K ohms
	14-Pin DIP	-40 to +85	DS1267N-100	100K ohms
	16-Pin SOIC	0 to 70	DS1267S-010	10K ohms
	16-Pin SOIC	0 to 70	DS1267S-050	50K ohms
	16-Pin SOIC	0 to 70	DS1267S-100	100K ohms
	16-Pin SOIC	-40 to +85	DS1267SN-010	10K ohms
	16-Pin SOIC	-40 to +85	DS1267SN-050	50K ohms
	16-Pin SOIC	-40 to +85	DS1267SN-100	100K ohms
	20-Pin TSSOP	0 to 70	DS1267E-010	10K ohms
	20-Pin TSSOP	0 to 70	DS1267E-050	50K ohms
	20-Pin TSSOP	0 to 70	DS1267E-100	100K ohms
	20-pin TSSOP	-40 to +85	DS1267EN-010	10K ohms
	20-pin TSSOP	-40 to +85	DS1267EN-050	50K ohms
DS1280	20-pin TSSOP	-40 to +85	DS1267EN-100	100K ohms
	44-Pin Flat Pack	0 to 70	DS1280FP-44	
DS1284	80-Pin Flat Pack	0 to 70	DS1280FP-80	
	28-Pin DIP	0 to 70	DS1284	50 x 8 RAM
	28-Pin PLCC	0 to 70	DS1284Q	50 x 8 RAM
DS1286	28-Pin PLCC	-40 to +85	DS1284QN	50 x 8 RAM
	28-Pin Encap. DIP	0 to 70	DS1286	50 x 8 RAM
DS12885	24-Pin DIP	0 to 70	DS12885	114 x 8 RAM
	24-Pin SOIC	0 to 70	DS12885S	114 x 8 RAM
	28-Pin PLCC	0 to 70	DS12885Q	114 x 8 RAM
	28-Pin PLCC	-40 to +85	DS12885QN	114 x 8 RAM
	32-Pin TQFP	0 to 70	DS12885T	114 x 8 RAM
	24-Pin Encap. DIP	0 to 70	DS12887	114 x 8 RAM
DS12887A	24-Pin Encap. DIP	0 to 70	DS12887A	114 x 8 RAM
DS129X	16-Pin Encap. DIP	0 to 70	DS1290	
	16-Pin DIP	0 to 70	DS1291	
	24-Pin Encap. DIP	0 to 70	DS1292	
	24-Pin DIP	0 to 70	DS1293	
DS1302	8-Pin DIP	0 to 70	DS1302	31 x 8 RAM
	8-Pin DIP	-40 to +85	DS1302N	31 x 8 RAM
	8-Pin SOIC	0 to 70	DS1302S	31 x 8 RAM
	8-Pin SOIC	-40 to +85	DS1302SN	31 x 8 RAM
	8-Pin SOIC	0 to 70	DS1302Z	31 x 8 RAM
	8-Pin SOIC	-40 to +85	DS1302ZN	31 x 8 RAM



# ORDERING INFORMATION

DEVICE	PACKAGE TYPE	OPERATING TEMP. RANGE (CELSIUS)	ORDERING NUMBER	SPEED OR VERSION
DS1305	16-Pin DIP	0 to 70	DS1305	96 x 8 RAM
	16-Pin DIP	-40 to +85	DS1305N	96 x 8 RAM
	20-Pin TSSOP	0 to 70	DS1305E	96 x 8 RAM
	20-Pin TSSOP	-40 to +85	DS1305EN	96 x 8 RAM
DS1306	16-Pin DIP	0 to 70	DS1306	96 x 8 RAM
	16-Pin DIP	-40 to +85	DS1306N	96 x 8 RAM
	20-Pin TSSOP	0 to 70	DS1306E	96 x 8 RAM
	20-Pin TSSOP	-40 to +85	DS1306EN	96 x 8 RAM
DS1307	8-Pin DIP	0 to 70	DS1307	56 x 8 RAM
	8-Pin DIP	-45 to +85	DS1307N	56 x 8 RAM
	8-Pin SOIC	0 to 70	DS1307Z	56 x 8 RAM
	8-Pin SOIC	-40 to +85	DS1307ZN	56 x 8 RAM
DS1312	8-Pin DIP	-40 to +85	DS1312	
	8-Pin SOIC	-40 to +85	DS1312S-2	
	16-Pin SOIC	-40 to +85	DS1312S	
	20-Pin TSSOP	-40 to +85	DS1312E	
DS1314	8-Pin DIP	-40 to +85	DS1314	
	8-Pin SOIC	-40 to +85	DS1314S-2	
	16-Pin SOIC	-40 to +85	DS1314S	
	20-Pin TSSOP	-40 to +85	DS1314E	
DS1315	16-Pin DIP	0 to 70	DS1315-33	3.3 volt
	16-Pin DIP	0 to 70	DS1315-5	5 volt
	16-Pin DIP	-40 to +85	DS1315N-33	3.3 volt
	16-Pin DIP	-40 to +85	DS1315N-5	5 volt
	16-Pin SOIC	0 to 70	DS1315S-33	3.3 volt
	16-Pin SOIC	0 to 70	DS1315S-5	5 volt
	16-Pin SOIC	-40 to +85	DS1315SN-33	3.3 volt
	16-Pin SOIC	-40 to +85	DS1315SN-5	5 volt
	16-Pin TSSOP	0 to 70	DS1315E-33	3.3 volt
	16-Pin TSSOP	0 to 70	DS1315E-5	5 volt
	16-Pin TSSOP	-40 to +85	DS1315EN-33	3.3 volt
	16-Pin TSSOP	-40 to +85	DS1315EN-5	5 volt
DS1330	34-Pin PowerCap	0 to 70	DS1330WP-100	3.3V 100 ns
	34-Pin PowerCap	0 to 70	DS1330WP-150	3.4V 150 ns
DS1330Y	34-Pin PowerCap	0 to 70	DS1330ABP-100	5% tol. 100 ns
	34-Pin PowerCap	0 to 70	DS1330ABP-70	5% tol. 70 ns
	34-Pin PowerCap	-40 to +85	DS1330ABP-70-IND	5% tol. 70 ns
	34-Pin PowerCap	0 to 70	DS1330YP-100	10% tol. 100 ns
	34-Pin PowerCap	0 to 70	DS1330YP-70	10% tol. 70 ns
	34-Pin PowerCap	-40 to +85	DS1330YP-70-IND	10% tol. 70 ns
DS1336	16-Pin DIP	0 to 70	DS1336	
	16-Pin SOIC	0 to 70	DS1336S	
	16-Pin DIP	-40 to +85	DS1336N	
	16-Pin SOIC	-40 to +85	DS1336SN	
DS1345Y/AB	34-Pin PowerCap	0 to 70	DS1345ABP-100	5% tol. 100 ns
	34-Pin PowerCap	0 to 70	DS1345ABP-70	5% tol. 70 ns
	34-Pin PowerCap	-40 to +85	DS1345ABP-70-IND	5% tol. 70 ns
	34-Pin PowerCap	0 to 70	DS1345YP-100	10% tol. 100 ns
	34-Pin PowerCap	0 to 70	DS1345YP-70	10% tol. 70 ns
	34-Pin PowerCap	-40 to +85	DS1345YP-70-IND	10% tol. 70 ns
DS1345W	34-Pin PowerCap	0 to 70	DS1345WP-100	3.3V 100 ns
	34-Pin PowerCap	0 to 70	DS1345WP-150	3.3V 150 ns
DS1350Y/AB	34-Pin PowerCap	0 to 70	DS1350ABP-100	5% tol. 100 ns
	34-Pin PowerCap	0 to 70	DS1350ABP-70	5% tol. 70 ns
	34-Pin PowerCap	-40 to +85	DS1350ABP-70-IND	5% tol. 70 ns
	34-Pin PowerCap	0 to 70	DS1350YP-100	10% tol. 100 ns
	34-Pin PowerCap	0 to 70	DS1350YP-70	10% tol. 70 ns
	34-Pin PowerCap	-40 to +85	DS1350YP-70-IND	10% tol. 70 ns
DS1350W	34-Pin PowerCap	0 to 70	DS1350WP-100	3.3V 100 ns
	34-Pin PowerCap	0 to 70	DS1350WP-150	3.3V 150 ns
DS1380	24-Pin DIP	0 to 70	DS1380	
	24-Pin SOIC	0 to 70	DS1380S	
DS1381	24-Pin Encap. DIP	0 to 70	DS1381	
DS1384	44-Pin QFP	0 to 70	DS1384FP-120	50 x 8 RAM; 120 ns

# ORDERING INFORMATION

DEVICE	PACKAGE TYPE	OPERATING TEMP. RANGE (CELSIUS)	ORDERING NUMBER	SPEED OR VERSION
DS1386	32-Pin Encap. DIP	0 to 70	DS1386-8-120	8K x 8 RAM; 120 ns
	32-Pin Encap. DIP	0 to 70	DS1386-8-150	8K x 8 RAM; 150 ns
	34-Pin PowerCap	0 to 70	DS1386P-8-120	120 ns
	34-Pin PowerCap	0 to 70	DS1386P-8-150	150 ns
	32-Pin Encap. DIP	0 to 70	DS1386-32-120	32K x 8 RAM; 120 ns
	32-Pin Encap. DIP	0 to 70	DS1386-32-150	32K x 8 RAM; 150 ns
	34-Pin PowerCap	0 to 70	DS1386P-32-120	120 ns
	34-Pin PowerCap	0 to 70	DS1386P-32-150	150 ns
DS1401			DS1401-04	4 Ports
DS1402			DS1402BB8	Two Buttons, 2.4m (8 foot) cable
			DS1402BR8	Button/RJ-11, 2.4m (8 foot) cable
			DS1402RR8	Two RJ-11, 2.4m (8 foot) cable
			DS1402BP8	Button/Probe, 2.4m (8 foot) cable
			DS1402RP3	RJ-11/Probe, 0.9m (3 foot) cable
			DS1402RP8	RJ-11/Probe, 2.4m (8 foot) cable
			DS1402D-DB8	Two Blue Dots/Button, 2.4m (8 foot) cable
			DS1402D-DR8	Two Blue Dots/RJ-11, 2.4m (8 foot) cable
DS1404			DS1404	Black
DS1410E	Adapter	0 to 70	DS1410E	Button Holder/Parallel
DS1410K	Kit		DS1410K	
DS1411	DB-9	0 to 70	DS1411	Button Holder/Serial, Active
DS1413	DB-9	0 to 7	DS1413	Button Holder/Serial, Pas- sive
DS14285	24-Pin DIP	0 to 70	DS14285	
	24-Pin SOIC	0 to 70	DS14285S	
	28-Pin PLCC	0 to 70	DS14285Q	
DS14287	24-Pin Encap. DIP	0 to 70	DS14287	
DS1486	32-Pin Encap. DIP	0 to 70	DS1486-120	128K x 8 RAM; 120 ns
	32-Pin Encap. DIP	0 to 70	DS1486-150	128K x 8 RAM; 150 ns
	34-Pin PowerCap	0 to 70	DS1486P-120	120 ns
	34-Pin PowerCap	0 to 70	DS1486P-150	150 ns
DS1501	28-Pin DIP	0 to 70	DS1501Y	5 Volt
	28-Pin DIP	-40 to +85	DS1501YN	5 Volt
	28-Pin TSOP	0 to 70	DS1501YE	5 Volt
	28-Pin TSOP	-40 to +85	DS1501YEN	5 Volt
	28-Pin SOIC	0 to 70	DS1501YS	5 Volt
	28-Pin SOIC	-40 to +85	DS1501YSN	5 Volt
	28-Pin DIP	0 to 70	DS1501W	3.3 Volt
	28-Pin DIP	-40 to +85	DS1501WN	3.3 Volt
	28-Pin TSOP	0 to 70	DS1501WE	3.3 Volt
	28-Pin TSOP	-40 to +85	DS1501WEN	3.3 Volt
	28-Pin SOIC	0 to 70	DS1501WS	3.3 Volt
	28-Pin SOIC	-40 to +85	DS1501WSN	3.3 Volt
DS1511	28-PIN Encap. DIP	0 to 70	DS1511Y	5 Volt
	28-PIN Encap. DIP	0 to 70	DS1511W	3.3 Volt
DS1543	28-Pin Encap. DIP	0 to 70	DS1543-70	5 Volt, 70 ns
	28-Pin Encap. DIP	0 to 70	DS1543-100	5 Volt, 100 ns
	34-Pin PowerCap	0 to 70	DS1543P-70	5 Volt, 70 ns
	34-Pin PowerCap	0 to 70	DS1543P-100	5 Volt, 100 ns
	28-Pin Encap. DIP	0 to 70	DS1543W-120	3.3 Volt, 120 ns



# ORDERING INFORMATION

DEVICE	PACKAGE TYPE	OPERATING TEMP. RANGE (CELSIUS)	ORDERING NUMBER	SPEED OR VERSION
DS1553	28-Pin Encap. DIP	0 to 70	DS1543W-150	3.3 Volt, 150 ns
	34-Pin PowerCap	0 to 70	DS1543WP-120	3.3 Volt, 120 ns
	34-Pin PowerCap	0 to 70	DS1543WP-150	3.3 Volt, 150 ns
	28-Pin Encap. DIP	0 to 70	DS1553-70	5 Volt, 70 ns
	28-Pin Encap. DIP	0 to 70	DS1553-100	5 Volt, 100 ns
	34-Pin PowerCap	0 to 70	DS1553P-70	5 Volt, 70 ns
	34-Pin PowerCap	0 to 70	DS1553P-100	5 Volt, 100 ns
	28-Pin Encap. DIP	0 to 70	DS1553W-120	3.3 Volt, 120 ns
	28-Pin Encap. DIP	0 to 70	DS1553W-150	3.3 Volt, 150 ns
	34-Pin PowerCap	0 to 70	DS1553WP-120	3.3 Volt, 120 ns
	34-Pin PowerCap	0 to 70	DS1553WP-150	3.3 Volt, 150 ns
DS1602	8-Pin DIP	-40 to +85	DS1602	
	8-Pin SOIC	-40 to +85	DS1602S	
DS1603	7-Pin Encap. SIP	0 to 70	DS1603	
DS1608	16-Pin SOIC	-20 to +70	DS1608S-C03	
DS1609	24-Pin DIP	-40 to +85	DS1609	
	24-Pin SOIC	-40 to +85	DS1609S	
DS1610	16-Pin DIP	0 to 70	DS1610	
	16-Pin SOIC	0 to 70	DS1610S	
	16-Pin DIP	-40 to +85	DS1610N	
	16-Pin SOIC	-40 to +85	DS1610SN	
DS1620	8-Pin DIP	-55 to +125	DS1620	
	8-Pin SOIC	-55 to +125	DS1620S	
DS1621	8-Pin DIP	-55 to +125	DS1621	
	8-Pin SOIC	-55 to +125	DS1621S	
DS1624	8-Pin DIP	-55 to +125	DS1624	
	8-Pin SOIC	-55 to +125	DS1624S	
DS1629	8-Pin SOIC	-55 to +125	DS1629S	
DS1632	16-Pin DIP	0 to 70	DS1632	
	16-Pin SOIC	0 to 70	DS1632S	
DS1640	16-Pin DIP	0 to 70	DS1640	
	16-Pin SOIC	0 to 70	DS1640S	
	16-Pin DIP	-40 to +85	DS1640N	
	16-Pin SOIC	-40 to +85	DS1640SN	
DS1642	24-Pin Encap. DIP	0 to 70	DS1642-120	120 ns
	24-Pin Encap. DIP	0 to 70	DS1642-150	150 ns
DS1643	28-Pin Encap. DIP	0 to 70	DS1643-120	120 ns
	28-Pin Encap. DIP	0 to 70	DS1643-150	150 ns
	34-Pin PowerCap	0 to 70	DS1643P-120	120 ns
	34-Pin PowerCap	0 to 70	DS1643P-150	150 ns
DS1644	28-Pin Encap. DIP	0 to 70	DS1644-120	120 ns
	28-Pin Encap. DIP	0 to 70	DS1644-150	150 ns
	34-Pin PowerCap	0 to 70	DS1644P-120	120 ns
	34-Pin PowerCap	0 to 70	DS1644P-150	150 ns
DS1646	32-Pin Encap. DIP	0 to 70	DS1646-120	120 ns
	32-Pin Encap. DIP	0 to 70	DS1646-150	150 ns
	34-Pin PowerCap	0 to 70	DS1646P-120	120 ns
	34-Pin PowerCap	0 to 70	DS1646P-150	150 ns
DS1647	32-Pin Encap. DIP	0 to 70	DS1647-150	150 ns
	32-Pin Encap. DIP	0 to 70	DS1647-120	120 ns
	34-Pin PowerCap	0 to 70	DS1647P-120	120 ns
	34-Pin PowerCap	0 to 70	DS1647P-150	150 ns
DS1666	14-Pin DIP	-40 to +85	DS1666-010	10K ohms
	14-Pin DIP	-40 to +85	DS1666-050	50K ohms
	14-Pin DIP	-40 to +85	DS1666-100	100K ohms
	16-Pin SOIC	-40 to +85	DS1666S-010	10K ohms
	16-Pin SOIC	-40 to +85	DS1666S-050	50K ohms
DS1667	16-Pin SOIC	-40 to +85	DS1666S-100	100K ohms
	20-Pin DIP	0 to 70	DS1667-010	10K ohms
	20-Pin DIP	0 to 70	DS1667-050	50K ohms
	20-Pin DIP	0 to 70	DS1667-100	100K ohms
	20-Pin DIP	-40 to +85	DS1667N-010	10K ohms
	20-Pin DIP	-40 to +85	DS1667N-050	50K ohms
	20-Pin DIP	-40 to +85	DS1667N-100	100K ohms

# ORDERING INFORMATION

DEVICE	PACKAGE TYPE	OPERATING TEMP. RANGE (CELSIUS)	ORDERING NUMBER	SPEED OR VERSION
DS1669	20-Pin SOIC	0 to 70	DS1667S-010	10K ohms
	20-Pin SOIC	0 to 70	DS1667S-050	50K ohms
	20-Pin SOIC	0 to 70	DS1667S-100	100K ohms
	20-Pin SOIC	-40 to +85	DS1667SN-010	10K ohms
	20-Pin SOIC	-40 to +85	DS1667SN-050	50K ohms
	20-Pin SOIC	-40 to +85	DS1667SN-100	100K ohms
	8-Pin DIP	0 to 70	DS1669-010	10K ohms
	8-Pin DIP	0 to 70	DS1669-050	50K ohms
	8-Pin DIP	0 to 70	DS1669-100	100K ohms
	8-Pin DIP	-40 to +85	DS1669N-010	10K ohms
	8-Pin DIP	-40 to +85	DS1669N-050	50K ohms
	8-Pin DIP	-40 to +85	DS1669N-100	100K ohms
	8-Pin SOIC	0 to 70	DS1669S-010	10K ohms
	8-Pin SOIC	0 to 70	DS1669S-050	50K ohms
	8-Pin SOIC	0 to 70	DS1669S-100	100K ohms
	8-Pin SOIC	-40 to +85	DS1669SN-010	10K ohms
	8-Pin SOIC	-40 to +85	DS1669SN-050	50K ohms
	8-Pin SOIC	-40 to +85	DS1669SN-100	100K ohms
DS1670	20-Pin SOIC	0 to 70	DS1670S	
DS1673	20-Pin TSSOP	0 to 70	DS1670E	
	20-Pin SOIC	0 to 70	DS1763S-3	3 volt
	20-Pin SOIC	0 to 70	DS1763S-5	5 volt
DS1685	20-Pin TSSOP	0 to 70	DS1763E-3	3 volt
	20-Pin TSSOP	0 to 70	DS1763E-5	5 volt
	24-Pin DIP	0 to 70	DS1685-3	3 volt
	24-Pin DIP	0 to 70	DS1685-5	5 volt
	24-Pin TSSOP	0 to 70	DS1685E-3	3 volt
	24-Pin TSSOP	0 to 70	DS1685E-5	5 volt
	24-Pin TSSOP	-40 to +85	DS1685EN-3	3 volt
	24-Pin TSSOP	-40 to +85	DS1685EN-5	5 volt
	24-Pin SOIC	-40 to +85	DS1685SN-3	3 volt
	24-Pin SOIC	-40 to +85	DS1685SN-5	5 volt
	28-Pin PLCC	0 to 70	DS1685Q-3	3 volt
	28-Pin PLCC	0 to 70	DS1685Q-5	5 volt
	24-Pin SOIC	0 to 70	DS1685S-3	3 volt
	24-Pin SOIC	0 to 70	DS1685S-5	5 volt
DS1687	24-Pin Encap. DIP	0 to 70	DS1687-3	3 volt
	24-Pin Encap. DIP	0 to 70	DS1687-5	5 volt
DS1688	28-Pin DIP	0 to 70	DS1688	
	28-Pin SOIC	0 to 70	DS1688S	
DS1689	28-Pin DIP	0 to 70	DS1689	114 x 8 RAM
	28-Pin SOIC	0 to 70	DS1689S	114 x 8 RAM
DS1691	28-Pin Encap. DIP	0 to 70	DS1691	
DS1693	28-Pin Encap. DIP	0 to 70	DS1693	114 x 8 RAM
DS1705/06	8-Pin DIP	-40 to +85	DS1705EPA	5V-5% MONITOR
	8-Pin SOIC	-40 to +85	DS1705ESA	5V-5% MONITOR
	8-Pin DIP	-40 to +85	DS1706EPA	5V-10% MONITOR
	8-Pin SOIC	-40 to +85	DS1706ESA	5V-10% MONITOR
	8-Pin DIP	-40 to +85	DS1706LEPA	5V-5% MONITOR
	8-Pin SOIC	-40 to +85	DS1706LESA	5V-5% MONITOR
	8-Pin DIP	-40 to +85	DS1706PEPA	3.3V-20% MONITOR
	8-Pin SOIC	-40 to +85	DS1706PESA	3.3V-20% MONITOR
	8-Pin DIP	-40 to +85	DS1706REPA	3.3V-20% MONITOR
	8-Pin SOIC	-40 to +85	DS1706RESA	3.3V-20% MONITOR
	8-Pin DIP	-40 to +85	DS1706SEPA	3.3V-10% MONITOR
	8-Pin SOIC	-40 to +85	DS1706SESA	3.3V-10% MONITOR
	8-Pin SOIC	-40 to +85	DS1706SESA	3.3V-10% MONITOR
	8-Pin DIP	-40 to +85	DS1706TEPA	3.3V-5% MONITOR
	8-Pin SOIC	-40 to +85	DS1706TESA	3.3V-5% MONITOR
DS1707/08	8-Pin DIP	-40 to +85	DS1707EPA	5V-5% MONITOR
	8-Pin SOIC	-40 to +85	DS1707ESA	5V-5% MONITOR
	8-Pin DIP	-40 to +85	DS1708EPA	5V-10% MONITOR
	8-Pin SOIC	-40 to +85	DS1708ESA	5V-10% MONITOR
	8-Pin DIP	-40 to +85	DS1708REPA	3.3V-20% MONITOR
	8-Pin SOIC	-40 to +85	DS1708RESA	3.3V-20% MONITOR
	8-Pin DIP	-40 to +85	DS1708SEPA	3.3V-10% MONITOR
	8-Pin SOIC	-40 to +85	DS1708SESA	3.3V-10% MONITOR
	8-Pin DIP	-40 to +85	DS1708TEPA	3.3V-5% MONITOR

# ORDERING INFORMATION

DEVICE	PACKAGE TYPE	OPERATING TEMP. RANGE (CELSIUS)	ORDERING NUMBER	SPEED OR VERSION
DS1710	8-Pin SOIC	-40 to +85	DS1708TESA	3.3V-5% MONITOR
	16-Pin DIP	0 to 70	DS1710	
	16-Pin SOIC	0 to 70	DS1710S	
	20-Pin TSSOP	0 to 70	DS1710E	
	16-Pin DIP	-40 to +85	DS1710N	
	16-Pin SOIC	-40 to +85	DS1710SN	
DS1720	20-Pin TSSOP	-40 to +85	DS1710EN	
	8-Pin SOIC	-55 to +125	DS1720S	
	8-Pin SOIC	-55 to +125	DS1721S	
DS17285	24-Pin DIP	0 to 70	DS17285-3	3 volt
	24-Pin DIP	0 to 70	DS17285-5	5 volt
	28-Pin TSOP	0 to 70	DS17285E-3	3 volt
	28-Pin TSOP	0 to 70	DS17285E-5	5 volt
	24-Pin SOIC	0 to 70	DS17285S-3	3 volt
	24-Pin SOIC	0 to 70	DS17285S-5	5 volt
DS17287	24-Pin Encap. DIP	0 to 70	DS17287-3	3 volt
	24-Pin Encap. DIP	0 to 70	DS17287-5	5 volt
DS1742	24-Pin Encap. DIP	0 to 70	DS1742-70	5 Volt, 70 ns
	24-Pin Encap. DIP	0 to 70	DS1742-100	5 Volt, 100 ns
	24-Pin Encap. DIP	0 to 70	DS1742W-120	3.3 Volt, 120 ns
	24-Pin Encap. DIP	0 to 70	DS1742W-150	3.3 Volt, 150 ns
DS1743	28-Pin Encap. DIP	0 to 70	DS1743-70	5 Volt, 70 ns
	28-Pin Encap. DIP	0 to 70	DS1743-100	5 Volt, 100 ns
	34-Pin PowerCap	0 to 70	DS1743P-70	5 Volt, 70 ns
	34-Pin PowerCap	0 to 70	DS1743P-100	5 Volt, 100 ns
	28-Pin Encap. DIP	0 to 70	DS1743W-120	3.3 Volt, 120 ns
	28-Pin Encap. DIP	0 to 70	DS1743W-150	3.3 Volt, 150 ns
	34-Pin PowerCap	0 to 70	DS1743WP-120	3.3 Volt, 120 ns
	34-Pin PowerCap	0 to 70	DS1743WP-150	3.3 Volt, 150 ns
DS17485	24-Pin DIP	0 to 70	DS17485-3	3 volt
	24-Pin DIP	0 to 70	DS17485-5	5 volt
	28-Pin TSOP	0 to 70	DS17485E-3	3 volt
	28-Pin TSOP	0 to 70	DS17485E-5	5 volt
	24-Pin SOIC	0 to 70	DS17485S-3	3 volt
	24-Pin SOIC	0 to 70	DS17485S-5	5 volt
DS17487	24-Pin Encap. DIP	0 to 70	DS17487-3	3 volt
	24-Pin Encap. DIP	0 to 70	DS17487-5	5 volt
DS1780	24-Pin TSSOP	-40 to +125	DS1780E	
DS17885	24-Pin DIP	0 to 70	DS17885-3	3 volt
	24-Pin DIP	0 to 70	DS17885-5	5 volt
	28-Pin TSOP	0 to 70	DS17885E-3	3 volt
	28-Pin TSOP	0 to 70	DS17885E-5	5 volt
	24-Pin SOIC	0 to 70	DS17885S-3	3 volt
	24-Pin SOIC	0 to 70	DS17885S-5	5 volt
DS17887	24-Pin Encap. DIP	0 to 70	DS17887-3	3 volt
	24-Pin Encap. DIP	0 to 70	DS17887-5	5 volt
DS1800	20-Pin DIP	-40 to +85	DS1800	53K ohms
	20-Pin SOIC	-40 to +85	DS1800S	53K ohms
	20-Pin TSSOP	-40 to +85	DS1800E	53K ohms
	14-Pin DIP	-40 to +85	DS1801	45K ohms
DS1801	16-Pin SOIC	-40 to +85	DS1801S	45K ohms
	14-Pin TSSOP	-40 to +85	DS1801E	45K ohms
DS1802	20-Pin DIP	0 to 70	DS1802	50K ohms
	20-Pin SOIC	0 to 70	DS1802S	50K ohms
	20-Pin TSSOP	0 to 70	DS1802E	50K ohms
DS1803	16-Pin DIP	-40 to +85	DS1803-010	10K ohms
	16-Pin DIP	-40 to +85	DS1803-050	50K ohms
	16-Pin DIP	-40 to +85	DS1803-100	100K ohms
	16-Pin SOIC	-40 to +85	DS1803ZN-010	10K ohms
	16-Pin SOIC	-40 to +85	DS1803ZN-050	50K ohms
	16-Pin SOIC	-40 to +85	DS1803ZN-100	100K ohms
	14-Pin TSSOP	-40 to +85	DS1803E-010	10K ohms
	14-Pin TSSOP	-40 to +85	DS1803E-050	50K ohms
	14-Pin TSSOP	-40 to +85	DS1803E-100	100K ohms
	8-Pin DIP	0 to 70	DS1804-010	10K ohms
DS1804	8-Pin DIP	0 to 70	DS1804-050	50K ohms
	8-Pin DIP	0 to 70	DS1804-100	100K ohms
	8-Pin SOIC	0 to 70	DS1804Z-010	10K ohms
	8-Pin SOIC	0 to 70		

# ORDERING INFORMATION

DEVICE	PACKAGE TYPE	OPERATING TEMP. RANGE (CELSIUS)	ORDERING NUMBER	SPEED OR VERSION
DS1806	8-Pin SOIC	0 to 70	DS1804Z-050	50K ohms
	8-Pin SOIC	0 to 70	DS1804Z-100	100K ohms
	8-Pin DIP	-40 to +85	DS1804N-010	10K ohms
	8-Pin DIP	-40 to +85	DS1804N-050	50K ohms
	8-Pin DIP	-40 to +85	DS1804N-100	100K ohms
	8-Pin SOIC	-40 to +85	DS1804ZN-010	10K ohms
	8-Pin SOIC	-40 to +85	DS1804ZN-050	50K ohms
	8-Pin SOIC	-40 to +85	DS1804ZN-100	100K ohms
	20-Pin DIP	-40 to +85	DS1806-010	10K ohms
	20-Pin DIP	-40 to +85	DS1806-050	50K ohms
	20-Pin DIP	-40 to +85	DS1806-100	100K ohms
	20-Pin SOIC	-40 to +85	DS1806S-010	10K ohms
	20-Pin SOIC	-40 to +85	DS1806S-050	50K ohms
	20-Pin SOIC	-40 to +85	DS1806S-100	100K ohms
	20-Pin TSSOP	-40 to +85	DS1806E-010	10K ohms
	20-Pin TSSOP	-40 to +85	DS1806E-050	50K ohms
DS1807	20-Pin TSSOP	-40 to +85	DS1806E-100	100K ohms
	14-Pin DIP	-40 to +85	DS1807	45K ohms
	16-Pin SOIC	-40 to +85	DS1807S	45K ohms
	14-Pin TSSOP	-40 to +85	DS1807E	45K ohms
DS1810	TO-92	-40 to +85	DS1810-5	5V-5% Tolerance
	TO-92	-40 to +85	DS1810-10	5V-10% Tolerance
	TO-92	-40 to +85	DS1810-15	5V-15% Tolerance
	SOT-23	-40 to +85	DS1810R-5	5V-5% Tolerance
DS1811	SOT-23	-40 to +85	DS1810R-10	5V-10% Tolerance
	SOT-23	-40 to +85	DS1810R-15	5V-15% Tolerance
	TO-92	-40 to +85	DS1811-5	5V-5% Tolerance
	TO-92	-40 to +85	DS1811-10	5V-10% Tolerance
	TO-92	-40 to +85	DS1811-15	5V-15% Tolerance
	SOT-23	-40 to +85	DS1811R-5	5V-5% Tolerance
DS1812	SOT-23	-40 to +85	DS1811R-10	5V-10% Tolerance
	SOT-23	-40 to +85	DS1811R-15	5V-15% Tolerance
	TO-92	-40 to +85	DS1812-5	5V-5% Tolerance
	TO-92	-40 to +85	DS1812-10	5V-10% Tolerance
	TO-92	-40 to +85	DS1812-15	5V-15% Tolerance
	SOT-23	-40 to +85	DS1812R-5	5V-5% Tolerance
DS1813	SOT-23	-40 to +85	DS1812R-10	5V-10% Tolerance
	SOT-23	-40 to +85	DS1812R-15	5V-15% Tolerance
	TO-92	-40 to +85	DS1813-5	5V-5% Tolerance
	TO-92	-40 to +85	DS1813-10	5V-10% Tolerance
	TO-92	-40 to +85	DS1813-15	5V-15% Tolerance
	SOT-23	-40 to +85	DS1813R-5	5V-5% Tolerance
DS1814A	SOT-23	-40 to +85	DS1813R-10	5V-10% Tolerance
	SOT-23	-40 to +85	DS1813R-15	5V-15% Tolerance
	SOT-23-5	-40 to +85	DS1814AR-5	5V-5% MONITOR
DS1814B	SOT-23-5	-40 to +85	DS1814AR-10	5V-10% MONITOR
	SOT-23-5	-40 to +85	DS1814BR-5	5V-5% MONITOR
DS1814C	SOT-23-5	-40 to +85	DS1814BR-10	5V-10% MONITOR
	SOT-23-5	-40 to +85	DS1814CR-5	5V-5% MONITOR
DS1815	SOT-23-5	-40 to +85	DS1814CR-10	5V-10% MONITOR
	TO-92	-40 to +85	DS1815-5	3.3V-5% Tolerance
	TO-92	-40 to +85	DS1815-10	3.3V-10% Tolerance
	TO-92	-40 to +85	DS1815-20	3.3V-20% Tolerance
	SOT-23	-40 to +85	DS1815R-5	3.3V-5% Tolerance
	SOT-23	-40 to +85	DS1815R-10	3.3V-10% Tolerance
DS1816	SOT-23	-40 to +85	DS1815R-20	3.3V-20% Tolerance
	TO-92	-40 to +85	DS1816-5	3.3V-5% Tolerance
	TO-92	-40 to +85	DS1816-10	3.3V-10% Tolerance
	TO-92	-40 to +85	DS1816-20	3.3V-20% Tolerance
	SOT-23	-40 to +85	DS1816R-5	3.3V-5% Tolerance
	SOT-23	-40 to +85	DS1816R-10	3.3V-10% Tolerance
DS1817	SOT-23	-40 to +85	DS1816R-20	3.3V-20% Tolerance
	TO-92	-40 to +85	DS1817-5	3.3V-5% Tolerance
	TO-92	-40 to +85	DS1817-10	3.3V-10% Tolerance
	TO-92	-40 to +85	DS1817-20	3.3V-20% Tolerance
	SOT-23	-40 to +85	DS1817R-5	3.3V-5% Tolerance
	SOT-23	-40 to +85	DS1817R-10	3.3V-10% Tolerance
	SOT-23	-40 to +85	DS1817R-20	3.3V-20% Tolerance

# ORDERING INFORMATION

DEVICE	PACKAGE TYPE	OPERATING TEMP. RANGE (CELSIUS)	ORDERING NUMBER	SPEED OR VERSION
DS1818	TO-92	-40 to +85	DS1818-5	3.3V-5% Tolerance
	TO-92	-40 to +85	DS1818-10	3.3V-10% Tolerance
	TO-92	-40 to +85	DS1818-20	3.3V-20% Tolerance
	SOT-23	-40 to +85	DS1818R-5	3.3V-5% Tolerance
	SOT-23	-40 to +85	DS1818R-10	3.3V-10% Tolerance
DS1819A	SOT-23	-40 to +85	DS1818R-20	3.3V-20% Tolerance
	SOT-23-5	-40 to +85	DS1819AR-5	3.3V-5% MONITOR
	SOT-23-5	-40 to +85	DS1819AR-10	3.3V-10% MONITOR
DS1819B	SOT-23-5	-40 to +85	DS1819AR-20	3.3V-20% MONITOR
	SOT-23-5	-40 to +85	DS1819BR-5	3.3V-5% MONITOR
	SOT-23-5	-40 to +85	DS1819BR-10	3.3V-10% MONITOR
DS1819C	SOT-23-5	-40 to +85	DS1819BR-20	3.3V-20% MONITOR
	SOT-23-5	-40 to +85	DS1819CR-5	3.3V-5% MONITOR
	SOT-23-5	-40 to +85	DS1819CR-10	3.3V-10% MONITOR
DS1820	SOT-23-5	-40 to +85	DS1819CR-20	3.3V-20% MONITOR
	PR-35	-55 to +125	DS1820	
DS1821	16-Pin SSOP	-55 to +125	DS1820S	
	PR-35	-55 to +125	DS1821	
DS1832	8-Pin SOIC	-55 to +125	DS1821S	
	TO-220	-55 to +125	DS1821T	
	8-Pin DIP	-40 to +85	DS1832	
DS1833	8-Pin SOIC	-40 to +85	DS1832S	
	8-Pin $\mu$ -SOP	-40 to +85	DS1832U	
	TO-92	-40 to +85	DS1833-5	5% MONITOR
DS1834	TO-92	-40 to +85	DS1833-10	10% MONITOR
	TO-92	-40 to +85	DS1833-15	15% MONITOR
	SOT-223	-40 to +85	DS1833Z-5	5% MONITOR
	SOT-223	-40 to +85	DS1833Z-10	10% MONITOR
	SOT-223	-40 to +85	DS1833Z-15	15% MONITOR
DS1836A	8-Pin DIP	-40 to +85	DS1834	Active Low CMOS
	8-Pin SOIC	-40 to +85	DS1834S	Active Low CMOS
	8-Pin DIP	-40 to +85	DS1834A	Active Low Open Drain
	8-Pin SOIC	-40 to +85	DS1834AS	Active Low Open Drain
	8-Pin DIP	-40 to +85	DS1834D	Active High CMOS
	8-Pin SOIC	-40 to +85	DS1834DS	Active High CMOS
	8-Pin $\mu$ -SOP	-40 to +85	DS1834U	Active Low CMOS
	8-Pin $\mu$ -SOP	-40 to +85	DS1834AU	Active Low Open Drain
	8-Pin $\mu$ -SOP	-40 to +85	DS1834DU	Active High CMOS
DS1836B	8-Pin DIP	-40 to +85	DS1836A-5	Active Low 5V-5%
	8-Pin DIP	-40 to +85	DS1836A-10	Active Low 5V-10%
	8-Pin SOIC	-40 to +85	DS1836AS-5	Active Low 5V-5%
DS1836C	8-Pin SOIC	-40 to +85	DS1836AS-10	Active Low 5V-10%
	8-Pin DIP	-40 to +85	DS1836B-5	Active High 5V-5%
	8-Pin DIP	-40 to +85	DS1836B-10	Active High 5V-10%
DS1836D	8-Pin SOIC	-40 to +85	DS1836BS-5	Active High 5V-5%
	8-Pin SOIC	-40 to +85	DS1836BS-10	Active High 5V-10%
	8-Pin DIP	-40 to +85	DS1836C-10	Active Low 3.3V-10%
DS1866	8-Pin DIP	-40 to +85	DS1836C-20	Active Low 3.3V-20%
	8-Pin SOIC	-40 to +85	DS1836CS-10	Active Low 3.3V-10%
	8-Pin SOIC	-40 to +85	DS1836CS-20	Active Low 3.3V-20%
DS1867	8-Pin DIP	-40 to +85	DS1836D-10	Active High 3.3V-10%
	8-Pin DIP	-40 to +85	DS1836D-20	Active High 3.3V-20%
	8-Pin SOIC	-40 to +85	DS1836DS-10	Active High 3.3V-10%
DS1866	8-Pin SOIC	-40 to +85	DS1836DS-20	Active High 3.3V-20%
	8-Pin DIP	-40 to +85	DS1866	10K ohms
	8-Pin SOIC	-40 to +85	DS1866Z	10K ohms
DS1867	14-Pin DIP	0 to 70	DS1867-010	10K ohms
	14-Pin DIP	0 to 70	DS1867-050	50K ohms
	14-Pin DIP	0 to 70	DS1867-100	100K ohms
	16-Pin SOIC	0 to 70	DS1867S-010	10K ohms
	16-Pin SOIC	0 to 70	DS1867S-050	50K ohms
	16-Pin SOIC	0 to 70	DS1867S-100	100K ohms
	20-Pin TSSOP	0 to 70	DS1867E-010	10K ohms
	20-Pin TSSOP	0 to 70	DS1867E-050	50K ohms
	20-Pin TSSOP	0 to 70	DS1867E-100	100K ohms
	14-Pin DIP	-40 to +85	DS1867N-010	10K ohms
	14-Pin DIP	-40 to +85	DS1867N-050	50K ohms
	14-Pin DIP	-40 to +85	DS1867N-100	100K ohms
	16-Pin SOIC	-40 to +85	DS1867SN-010	10K ohms
	16-Pin SOIC	-40 to +85	DS1867SN-050	50K ohms

# ORDERING INFORMATION

DEVICE	PACKAGE TYPE	OPERATING TEMP. RANGE (CELSIUS)	ORDERING NUMBER	SPEED OR VERSION
DS1868	16-Pin SOIC	-40 to +85	DS1867SN-100	100K ohms
	20-Pin TSSOP	-40 to +85	DS1867EN-010	10K ohms
	20-Pin TSSOP	-40 to +85	DS1867EN-050	50K ohms
	20-Pin TSSOP	-40 to +85	DS1867EN-100	100K ohms
	14-Pin DIP	0 to 70	DS1868-010	10K ohms
	14-Pin DIP	0 to 70	DS1868-050	50K ohms
	14-Pin DIP	0 to 70	DS1868-100	100K ohms
	16-Pin SOIC	0 to 70	DS1868S-010	10K ohms
	16-Pin SOIC	0 to 70	DS1868S-050	50K ohms
	16-Pin SOIC	0 to 70	DS1868S-100	100K ohms
	20-Pin TSSOP	0 to 70	DS1868E-010	10K ohms
	20-Pin TSSOP	0 to 70	DS1868E-050	50K ohms
	20-Pin TSSOP	0 to 70	DS1868E-100	100K ohms
	14-Pin DIP	-40 to +85	DS1868N-010	10K ohms
	14-Pin DIP	-40 to +85	DS1868N-050	50K ohms
	14-Pin DIP	-40 to +85	DS1868N-100	100K ohms
	16-Pin SOIC	-40 to +85	DS1868SN-010	10K ohms
	16-Pin SOIC	-40 to +85	DS1868SN-050	50K ohms
	16-Pin SOIC	-40 to +85	DS1868SN-100	100K ohms
	20-Pin TSSOP	-40 to +85	DS1868EN-010	10K ohms
DS1869	20-Pin TSSOP	-40 to +85	DS1868EN-050	50K ohms
	20-Pin TSSOP	-40 to +85	DS1868EN-100	100K ohms
	8-Pin DIP	0 to 70	DS1869-010	10K ohms
	8-Pin DIP	0 to 70	DS1869-050	50K ohms
	8-Pin DIP	0 to 70	DS1869-100	100K ohms
	8-Pin SOIC	0 to 70	DS1869S-010	10K ohms
	8-Pin SOIC	0 to 70	DS1869S-050	50K ohms
	8-Pin SOIC	0 to 70	DS1869S-100	100K ohms
DS1920	iButton	-55 to +100	DS1920-F5	F5 MicroCan
DS1954	iButton	-20 to +70	Contact Factory	F5 MicroCan
DS1963	iButton	-40 to +70	DS1963L-F5	F5 MicroCan
DS1971	iButton	-40 to +85	DS1971-F3	F3 MicroCan
DS1973	iButton	-40 to +85	DS1971-F5	F5 MicroCan
	iButton	-40 to +85	DS1973-F3	F3 MicroCan
DS1982	iButton	-40 to +85	DS1973-F5	F5 MicroCan
	iButton	-40 to +85	DS1982-F3	F3 MicroCan
DS1982U	iButton	-40 to +85	DS1982-F5	F5 MicroCan
	iButton	-40 to +85	DS1982U-F3-PPPP	F3 MicroCan
DS1985	iButton	-40 to +85	DS1982U-F5-PPPP	F5 MicroCan
	iButton	-40 to +85	DS1985-F3	F3 MicroCan
DS1986	iButton	-40 to +85	DS1985-F5	F5 MicroCan
	iButton	-40 to +85	DS1986-F3	F3 MicroCan
DS1990A	iButton	-40 to +85	DS1986-F5	F5 MicroCan
	iButton	-40 to +85	DS1990A-F3	F3 MicroCan
DS1991	iButton	-40 to +85	DS1990A-F5	F5 MicroCan
	iButton	-40 to +70	DS1991L-F5	F5 MicroCan
DS1992	iButton	-40 to +70	DS1992L-F5	F5 MicroCan
DS1993	iButton	-40 to +70	DS1993L-F5	F5 MicroCan
DS1994	iButton	-40 to +70	DS1994L-F5	F5 MicroCan
DS1995	iButton	-40 to +70	DS1995L-F5	F5 MicroCan
DS1996	iButton	-40 to +70	DS1996L-F5	F5 MicroCan
DS2016	24-Pin DIP	-40 to +85	DS2016	100 ns
DS2064	24-Pin SOIC	-40 to +85	DS2016S	100 ns
	28-Pin DIP	-40 to +85	DS2064-200	200 ns
DS2105	28-Pin SOIC	-40 to +85	DS2064S-200	200 ns
	16-Pin SOIC (150 mil)	0 to 70	DS2105	5% 9-Channel SCSI Terminator
DS2108	16-Pin SOIC (300 mil)	0 to 70	DS2105S	5% 9-line SE SCSI Terminator
	24-Pin SOIC (300 mil)	0 to 70	DS2108S	Differential (HVD) Switchable SCSI Terminator
DS2109	28-Pin SOIC (300 mil)	0 to 70	DS2109S	2% 18-Channel SE Plug and Play SCSI Terminator
DS2117M	36-Pin SSOP	0 to 70	DS2117MB	5% 9-Channel LVD/SE Ultra2 SCSI Terminator
DS2118M	36-Pin SSOP	0 to 70	DS2118MB	5% 9-Channel LVD/SE Ultra2 SCSI Terminator



# ORDERING INFORMATION

DEVICE	PACKAGE TYPE	OPERATING TEMP. RANGE (CELSIUS)	ORDERING NUMBER	SPEED OR VERSION
DS2119M	28-Pin TSSOP	0 to 70	DS2119ME	5% 9-Channel LVD/SE Ultra2 SCSI Terminator
DS21S07	16-Pin SOIC (300 mil)	0 to 70	DS21S07	5% 18-Channel SCSI Terminator
DS21S07A	16-Pin SOIC (300 mil)	0 to 70	DS21S07AS	2% 9-line SE SCSI Terminator
	20-Pin TSSOP	0 to 70	DS21S07AE	2% 9-line SE SCSI Terminator
DS21S07C	16-Pin SOIC	0 to 70	DS21S07CS	2% 9-line SE SCSI Terminator
	20-Pin TSSOP	0 to 70	DS21S07CE	2% 9-line SE SCSI Terminator
DS21T05	16-Pin SOIC (150 mil)	0 to 70	DS21T05Z	5% 9-Channel SCSI Terminator
DS21T06	28-PIN SOIC (300 mil)	0 to 70	DS21T09S	5% 18-Channel SCSI Terminator
DS21T07	16-Pin SOIC (300 mil)	0 to 70	DS21T07S	5% 9-Channel SCSI Terminator
	20-Pin TSSOP	0 to 70	DS21T07E	5% 9-Channel SCSI Terminator
DS21T09	28-Pin SOIC (300 mil)	0 to 70	DS21T09S	2% 18-Channel Plug and Play SCSI Terminator
DS21T11	28-Pin SOIC (300 mil)	0 to 70	DS21T11	2% 18-line SE Terminator PD Option
DS21T16	20-Pin TSSOP	0 to 70	DS21T16	3.3V 9-Channel SCSI Terminator
DS2130	28-Pin DIP	0 to 70	DS2130	
	28-Pin DIP	-40 to +85	DS2130N	
	28-Pin PLCC	0 to 70	DS2130Q	
	28-Pin PLCC	-40 to +85	DS2130QN	
DS2132A	28-Pin DIP	0 to 70	DS2132A	
	28-Pin DIP	-40 to +85	DS2132AN	
	28-Pin PLCC	0 to 70	DS2132AQ	
	28-Pin PLCC	-40 to +85	DS2132AQN	
DS2141A	40-Pin DIP	0 to 70	DS2141A	
	40-Pin DIP	-40 to +85	DS2141AN	
	44-Pin PLCC	0 to 70	DS2141AQ	
	44-Pin PLCC	-40 to +85	DS2141AQN	
DS21Q41B	128-Pin TQFP	0 to 70	DS21Q41BT	
	128-Pin TQFP	-40 to +85	DS21Q41BTN	
DS2143	40-Pin DIP	0 to 70	DS2143	
	40-Pin DIP	-40 to +85	DS2143N	
	44-Pin PLCC	0 to 70	DS2143Q	
	44-Pin PLCC	-40 to +85	DS2143QN	
DS21Q43A	128-Pin TQFP	0 to 70	DS21Q43AT	
	128-Pin TQFP	-40 to +85	DS21Q43ATN	
DS2151	44-Pin PLCC	0 to 70	DS2151QB	
	44-Pin PLCC	-40 to +85	DS2151QNB	
DS2152	100-Pin LQFP	0 to 70	DS2152L	
	100-Pin LGFP	-40 to +85	DS2152LN	
DS2153	44-Pin PLCC	0 to 70	DS2153Q-A7	
	44-Pin PLCC	-40 to +85	DS2153QN-A7	
DS2154	100-Pin LQFP	0 to 70	DS2154L	
	100-Pin LQFP	-40 to +85	DS2154LN	
DS2164	28-Pin PLCC	0 to 70	DS2164Q	
	28-Pin PLCC	-40 to +85	DS2164QN	
DS2165	24-Pin DIP	0 to 70	DS2165	
	24-Pin DIP	-40 to +85	DS2165N	
	28-Pin PLCC	0 to 70	DS2165Q	
	28-Pin PLCC	0 to 70	DS2165QL	3 Volt
	28-Pin PLCC	-40 to +85	DS2165QN	
DS2172	32-Pin TQFP	0 to 70	DS2172T	
	32-Pin TQFP	-40 to +85	DS2172TN	

# ORDERING INFORMATION

DEVICE	PACKAGE TYPE	OPERATING TEMP. RANGE (CELSIUS)	ORDERING NUMBER	SPEED OR VERSION
DS2175	16-Pin DIP	0 to 70	DS2175	
	16-Pin DIP	-40 to +85	DS2175N	
	16-Pin SOIC	0 to 70	DS2175S	
	16-Pin SOIC	-40 to +85	DS2175SN	
DS2176	24-Pin DIP	0 to 70	DS2176	
	24-Pin DIP	-40 to +85	DS2176N	
	28-Pin PLCC	0 to 70	DS2176Q	
	28-Pin PLCC	-40 to +85	DS2176QN	
DS2180A	40-Pin DIP	0 to 70	DS2180A	
	40-Pin DIP	-40 to +85	DS2180AN	
	44-Pin PLCC	0 to 70	DS2180AQ	
	44-Pin PLCC	-40 to +85	DS2180AQN	
DS2181A	40-Pin DIP	0 to 70	DS2181A	
	40-Pin DIP	-40 to +85	DS2181AN	
	44-Pin PLCC	0 to 70	DS2181AQ	
	44-Pin PLCC	-40 to +85	DS2181AQN	
DS2182A	28-Pin DIP	0 to 70	DS2182A	
	28-Pin DIP	-40 to +85	DS2182AN	
	28-Pin PLCC	0 to 70	DS2182AQ	
	28-Pin PLCC	-40 to +85	DS2182AQN	
DS2186	20-Pin DIP	0 to 70	DS2186	
	20-Pin DIP	-40 to +85	DS2186N	
	20-Pin SOIC	0 to 70	DS2186S	
	20-Pin SOIC	-40 to +85	DS2186SN	
DS2187	18-Pin DIP	0 to 70	DS2187	
	20-Pin SOIC	0 to 70	DS2187S	
DS2188	16-Pin DIP	0 to 70	DS2188	
	16-Pin DIP	-40 to +85	DS2188N	
	16-Pin SOIC	0 to 70	DS2188S	
	16-Pin SOIC	-40 to +85	DS2188SN	
DS2223	TO-92	-40 to +85	DS2223	
	SOT-223	-40 to +85	DS2223Z	
DS2224	TO-92	-40 to +85	DS2224	
	SOT-223	-40 to +85	DS2224Z	
DS2227	72-Pin SIMM	0 to 70	DS2227-120	120 ns
	72-Pin SIMM	0 to 70	DS2227-100	100 ns
	72-Pin SIMM	0 to 70	DS2227-70	70 ns
DS2229	80-Pin SIMM	0 to 70	DS2229-85	85 ns
DS229	20-Pin DIP	0 to 70	DS229	
	20-Pin SOIC	0 to 70	DS229S	
	20-Pin TSSOP	0 to 70	DS229E	
	20-Pin DIP	-40 to +85	DS229N	
	20-Pin SOIC	-40 to +85	DS229SN	
	20-Pin TSSOP	-40 to +85	DS229EN	
DS2250	40-Pin SIMM 8k bytes	0 to 70	DS2250-8-16	16 MHz
	40-Pin SIMM 32k bytes	0 to 70	DS2250-32-16	16 MHz
	40-Pin SIMM 64k bytes	0 to 70	DS2250-64-16	16 MHz
DS2250T	40-Pin SIMM 8k bytes	0 to 70	DS2250T-8-16	16 MHz w/RTC
	40-Pin SIMM 32k bytes	0 to 70	DS2250T-32-16	16 MHz w/RTC
	40-Pin SIMM 64k bytes	0 to 70	DS2250T-64-16	16 MHz w/RTC
DS2251T	72-Pin SIMM 32k bytes	0 to 70	DS2251T-32-16	16 MHz w/RTC
	72-Pin SIMM 64k bytes	0 to 70	DS2251T-64-16	16 MHz w/RTC
	72-Pin SIMM 128k bytes	0 to 70	DS2251T-128-16	16 MHz w/RTC
DS2252T	40-Pin SIMM 32k bytes	0 to 70	DS2252T-32-16	16 MHz w/RTC
	40-Pin SIMM 64k bytes	0 to 70	DS2252T-64-16	16 MHz w/RTC
	40-Pin SIMM 128k bytes	0 to 70	DS2252T-128-16	16 MHz w/RTC
DS232A	16-Pin DIP	0 to 70	DS232A	
	16-Pin SOIC (150 mil)	0 to 70	DS232AR	
	16-Pin SOIC (300 mil)	0 to 70	DS232AS	
	20-Pin TSSOP	0 to 70	DS232AE	
	16-Pin DIP	-40 to +85	DS232AN	
	16-Pin SOIC (150 mil)	-40 to +85	DS232AR-N	
	16-Pin SOIC (300 mil)	-40 to +85	DS232AS-N	
	20-Pin TSSOP	-40 to +85	DS232AE-N	

# ORDERING INFORMATION

DEVICE	PACKAGE TYPE	OPERATING TEMP. RANGE (CELSIUS)	ORDERING NUMBER	SPEED OR VERSION
DS2401	TO-92	-40 to +85	DS2401	
	6-Lead TSOC	-40 to +85	DS2401P	
	SOT-223	-40 to +85	DS2401Z	
DS2404	16-Pin DIP	-40 to +85	DS2404-001	
	16-Pin SSOP	-40 to +85	DS2404B	
	16-Pin SOIC	-40 to +85	DS2404S-001	
	16-Pin SOIC	-40 to +85	DS2404-C01	Touch Pen (84/001)
DS2405	TO-92	-40 to +85	DS2405	
	6-Lead TSOC	-40 to +85	DS2405P	
	SOT-223	-40 to +85	DS2405Z	
DS2407	TO-92	-40 to +85	DS2407	Channel A Only
	6-Lead TSOC	-40 to +85	DS2407P	
DS2409	6-Lead TSOC	-40 to +85	DS2409P	
DS2423	6-Lead TSOC	-40 to +85	DS2423P	
DS2430A	TO-92	-40 to +85	DS2430A	
	6-Lead TSOC	-40 to +85	DS2430AP	
DS2433	PR-35	-40 to +85	DS2433	
	8-Pin SOIC	-40 to +85	DS2433S	
DS2434	PR-35	-40 to +85	DS2434	
DS2434S	16-Pin SSOP	-40 to +85	DS2434S	
DS2435	PR-35	-40 to +85	DS2435	
DS2435S	16-Pin SSOP	-40 to +85	DS2435S	
DS2436	PR-35	-40 to +85	DS2436	
DS2437	16-Pin SSOP	-40 to +85	DS2437	
DS2450	8-Pin SOIC	-40 to +85	DS2450S	
DS2480	8-Pin SOIC	-40 to +85	DS2480S	
DS2502	TO-92	-40 to +85	DS2502	
	6-Pin TSOC	-40 to +85	DS2502P	
	8-Pin SOIC	-40 to +85	DS2502S	
DS2502-UNW	TO-92	-40 to +85	DS2502-UNW-PPPP	
	6-Pin TSOC	-40 to +85	DS2502P-UNW-PPPP	
	8-Pin SOIC	-40 to +85	DS2502S-UNW-PPPP	
DS2502-E64	TO-92	-40 to +85	DS2502-E64	IEEE EUI-64 Node ID
	6-Pin TSOC	-40 to +85	DS2502P-E64	IEEE EUI-64 Node ID
DS2505	TO-92	-40 to +85	DS2505	
	6-Pin TSOC	-40 to +85	DS2505P	
DS2506	PR-35	-40 to +85	DS2506	
	8-Pin SOIC	-40 to +85	DS2506S	
DS275	8-Pin DIP	0 to 70	DS275	
	8-Pin SOIC	0 to 70	DS275S	
	14-Pin TSSOP	0 to 70	DS275E	
	8-Pin DIP	-40 to +85	DS275-N	
	14-Pin TSSOP	-40 to +85	DS275E-N	
DS4201	28-Pin DIP	0 to 70	DS4201	
	44-Pin QFP	0 to 70	DS4201F	
DS5000	40-Pin Module 8k bytes	0 to 70	DS5000-8-16	16 MHz
	40-Pin Module 32k bytes	0 to 70	DS5000-32-16	16 MHz
DS5000T	40-Pin Module 8k bytes	0 to 70	DS5000T-8-16	16 MHz w/RTC
	40-Pin Module 32k bytes	0 to 70	DS5000T-32-16	16 MHz w/RTC
DS5000FP	80-Pin TQFP	0 to 70	DS5000FP-16	16 MHz
DS5001FP	80-Pin TQFP	0 to 70	DS5001FP-16	16 MHz
DS5002FP	80-Pin TQFP	0 to 70	DS5002FP-16	16 MHz
(with micro-probe shield)	80-Pin TQFP	0 to 70	DS5002FPM-16	16 Mhz
DS56	8-Pin SOIC	-40 to +125	DS56S	
DS60	3-Pin SOT23	-40 to +125	DS60R	
DS75	8-Pin SOIC	-55 to +125	DS75S	
DS80C310	40-Pin PDIP	0 to 70	DS80C310-MCG	25 MHz
	44-Pin PLCC	0 to 70	DS80C310-QCG	25 MHz
	44-Pin TQFP	0 to 70	DS80C310-ECG	25 MHz

# ORDERING INFORMATION

DEVICE	PACKAGE TYPE	OPERATING TEMP. RANGE (CELSIUS)	ORDERING NUMBER	SPEED OR VERSION
DS80C320	40-Pin PDIP	0 to 70	DS80C320-MCG	25 MHz
	44-Pin PLCC	0 to 70	DS80C320-QCG	25 MHz
	44-Pin TQFP	0 to 70	DS80C320-ECG	25 MHz
	40-Pin PDIP	-40 to +85	DS80C320-MCG	25 MHz
	44-Pin PLCC	-40 to +85	DS80C320-QNG	25 MHz
	44-Pin TQFP	-40 to +85	DS80C320-ENG	25 MHz
	40-Pin PDIP	0 to 70	DS80C320-MCL	33 MHz
	44-Pin PLCC	0 to 70	DS80C320-QCL	33 MHz
	44-Pin TQFP	0 to 70	DS80C320-ECL	33 MHz
	40-Pin PDIP	-40 to +85	DS80C320-MNL	33 MHz
	44-Pin PLCC	-40 to +85	DS80C320-QNL	33 MHz
	44-Pin TQFP	-40 to +85	DS80C320-ENL	33 MHz
DS80C323	40-Pin DIP	0 to 70	DS80C323-MCD	18 MHz
	44-Pin PLCC	0 to 70	DS80C323-QCD	18 MHz
	44-Pin TQFP	0 to 70	DS80C323-ECD	18 MHz
DS83C520	40-Pin PDIP	0 to 70	DS83C520-MCL*	33 MHz
	44-Pin PLCC	0 to 70	DS83C520-QCL*	33 MHz
	44-Pin TQFP	0 to 70	DS83C520-ECL*	33 MHz
	40-Pin PDIP	-40 to +85	DS83C520-MNL*	33 MHz
	44-Pin PLCC	-40 to +85	DS83C520-QNL*	33 MHz
DS87C520	44-Pin TQFP	-40 to +85	DS83C520-ENL*	33 MHz
	40-Pin PDIP	0 to 70	DS87C520-MCL	33 MHz
	44-Pin PLCC	0 to 70	DS87C520-QCL	33 MHz
	44-Pin TQFP	0 to 70	DS87C520-ECL	33 MHz
	40-Pin PDIP	-40 to +85	DS87C520-MNL	33 MHz
	44-Pin PLCC	-40 to +85	DS87C520-QNL	33 MHz
	44-Pin TQFP	-40 to +85	DS87C520-ENL	33 MHz
DS87C530	40-Pin Windowed (CERDIP)	0 to 70	DS87C520-WCL	33 MHz
	52-Pin PLCC	0 to 70	DS87C530-QCL	33 MHz
	52-Pin PLCC	-40 to +85	DS87C530-QNL	33 MHz
	52-Pin TQFP	0 to 70	DS87C530-ECL	33 MHz
	52-Pin TQFP	-40 to +85	DS87C530-ENL	33 MHz
DS9000 DS9002 DS9003 DS9034PC DS9034PCX DS9091K DS9092	52-Pin Windowed (CERQUAD)	0 to 70	DS87C530-KCL	33 MHz
	PowerCap	-40 to +85	DS9000	
	PowerCap	0 to 70	DS9002	
	Kit		DS9003	
			DS9091K	For NV SRAM For Timekeepers Windows 3.1
DS9092K	Kit		DS9092	Panel-mount Probe
			DS9092T	Panel-mount Probe with Tactile Feedback
			DS9092GT	Hand-Grip Probe with Tactile Feedback
DS9092R	Tabbed MicroCan		DS9092K	Starter Kit, DOS, W31, W95/NT
DS9093A	Tabbed MicroCan		DS9092R	No Groove
			DS9092RG	With Groove
			DS9093A	Black
			DS9093AB	Blue
			DS9093AG	Green
DS9093F DS9093N DS9093P DS9093S DS9093RA DS9093RB			DS9093AR	Red
			DS9093AY	Yellow
			DS9093F	Black
			DS9093N	Black
			DS9093P	1 Pin, 1 Hole
			DS9093S	2 Holes
			DS9093RA	Lock Ring
			DS9093RB	Flange Enlargement

## ORDERING INFORMATION

DEVICE	PACKAGE TYPE	OPERATING TEMP. RANGE (CELSIUS)	ORDERING NUMBER	SPEED OR VERSION
DS9094F			DS9094F	Through Mount, F5
			DS9094FS	Surface Mount, F5
DS9096P			DS9096P	Permanent Bond
DS9097	Adapter DB-9	0 to 70	DS9097	Standard
	Adapter DB-25	0 to 70	DS9097E	EPROM Upgraded
DS9097U	Adapter	0 to 70	DS9097U-009	With Serial No.
	DB-9	0 to 70	DS9097U-S09	Without Serial No.
DS9098			DS9098	Surface Mount, F5
DS9100			DS9100-A	Ground Contact
			DS9100-B	Data Contact Cantilever
			DS9100-C	Data Contact Spring Assembly
DS9101			DS9101	For F5 MicroCan
DS9104	Ring with special engraved DS1996L-F5	-40 to +70	DS9104-xxx	xxx: substitute ring size 060 to 120, increment 5
DS9106L	60 mm Tab		DS9106L-BL	Blue
	60 mm Tab		DS9106L-GN	Green
	60 mm Tab		DS9106L-OG	Orange
	60 mm Tab		DS9106L-PK	Pink
	60 mm Tab		DS9106L-WH	White
	60 mm Tab		DS9106L-YL	Yellow
DS9106S	20 mm Tab		DS9106S-BL	Blue
	20 mm Tab		DS9106S-GN	Green
	20 mm Tab		DS9106S-OG	Orange
	20 mm Tab		DS9106S-PK	Pink
	20 mm Tab		DS9106S-WH	White
	20 mm Tab		DS9106S-YL	Yellow
DS9502	6-Pin TSOC	-40 to +85	DS9502P	
DS9503	6-Pin TSOC	-40 to +85	DS9503P	

\*NOTE: All versions of the DS83C520 are custom designs with a Mask ROM program memory. The mask ROM data, temperature range, and package type are identified by a customer's exclusive code assigned by Dallas Semiconductor. Please contact your local sales office for ordering information.